

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031623\  
 Data File : BN024305.D  
 Acq On : 16 Mar 2023 10:38  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Mar 17 04:40:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 17 04:37:08 2023  
 Response via : Initial Calibration

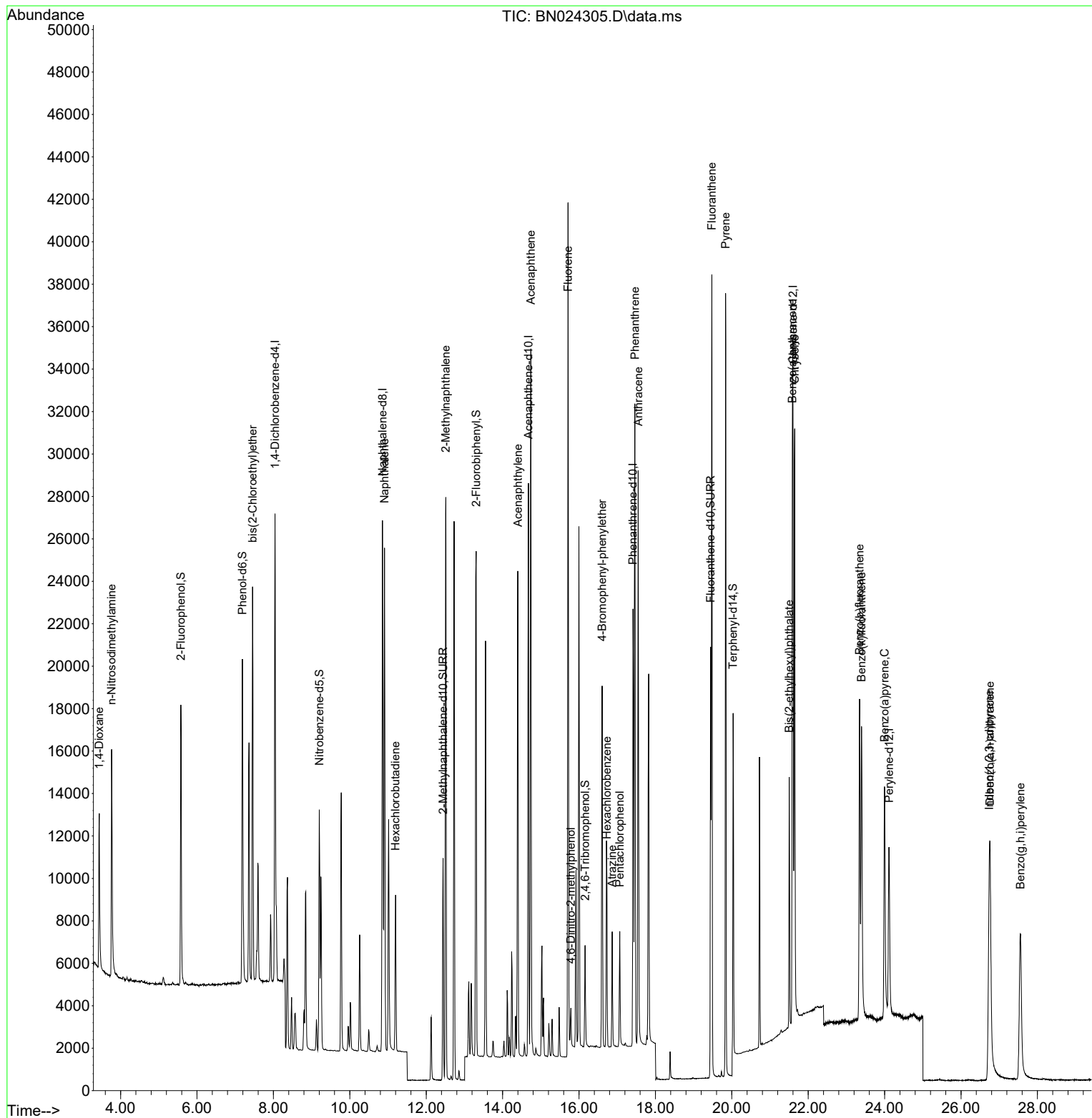
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.040  | 152  | 10741    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.855 | 136  | 30758    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.675 | 164  | 14309    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.413 | 188  | 27757    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.601 | 240  | 19280    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 24.114 | 264  | 14015    | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.577  | 112  | 10495    | 0.441 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.188  | 99   | 13432    | 0.440 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.200  | 82   | 8733     | 0.425 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.440 | 152  | 13474    | 0.356 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.159 | 330  | 2514     | 0.344 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.307 | 172  | 21653    | 0.401 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.446 | 212  | 20702    | 0.352 | ng    | 0.00     |
| 31) Terphenyl-d14             | 20.033 | 244  | 11738    | 0.361 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.439  | 88   | 4698     | 0.402 | ng    | 93       |
| 3) n-Nitrosodimethylamine     | 3.764  | 42   | 7670     | 0.448 | ng    | 93       |
| 6) bis(2-Chloroethyl)ether    | 7.455  | 93   | 12501    | 0.412 | ng    | 96       |
| 9) Naphthalene                | 10.909 | 128  | 30255    | 0.387 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.197 | 225  | 5668     | 0.382 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.512 | 142  | 19011    | 0.360 | ng    | 99       |
| 16) Acenaphthylene            | 14.397 | 152  | 25120    | 0.370 | ng    | 100      |
| 17) Acenaphthene              | 14.739 | 154  | 16314    | 0.378 | ng    | 97       |
| 18) Fluorene                  | 15.712 | 166  | 17930    | 0.347 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.787 | 198  | 1049     | 0.381 | ng    | 98       |
| 21) 4-Bromophenyl-phenylether | 16.606 | 248  | 5978     | 0.362 | ng    | # 84     |
| 22) Hexachlorobenzene         | 16.730 | 284  | 7723     | 0.381 | ng    | 97       |
| 23) Atrazine                  | 16.867 | 200  | 3999     | 0.382 | ng    | # 92     |
| 24) Pentachlorophenol         | 17.065 | 266  | 2543     | 0.335 | ng    | 98       |
| 25) Phenanthrene              | 17.462 | 178  | 31885    | 0.388 | ng    | 100      |
| 26) Anthracene                | 17.549 | 178  | 27302    | 0.360 | ng    | 100      |
| 28) Fluoranthene              | 19.475 | 202  | 32405    | 0.360 | ng    | 99       |
| 30) Pyrene                    | 19.838 | 202  | 32260    | 0.413 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.583 | 228  | 24119    | 0.375 | ng    | 98       |
| 33) Chrysene                  | 21.646 | 228  | 26833    | 0.391 | ng    | 100      |
| 34) Bis(2-ethylhexyl)phtha... | 21.502 | 149  | 10896    | 0.360 | ng    | 98       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.740 | 276  | 18979    | 0.362 | ng    | 96       |
| 37) Benzo(b)fluoranthene      | 23.342 | 252  | 21421    | 0.393 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 23.395 | 252  | 21451    | 0.382 | ng    | 97       |
| 39) Benzo(a)pyrene            | 23.997 | 252  | 18330    | 0.367 | ng    | 96       |
| 40) Dibenzo(a,h)anthracene    | 26.760 | 278  | 14233    | 0.350 | ng    | 96       |
| 41) Benzo(g,h,i)perylene      | 27.555 | 276  | 18262    | 0.385 | ng    | 96       |
| -----                         |        |      |          |       |       |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

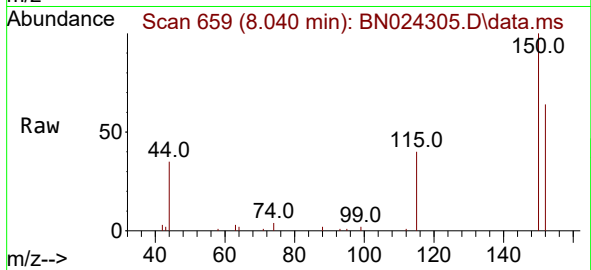
Quant Time: Mar 17 04:40:25 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 17 04:37:08 2023  
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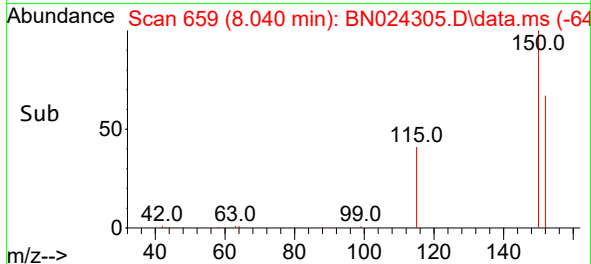
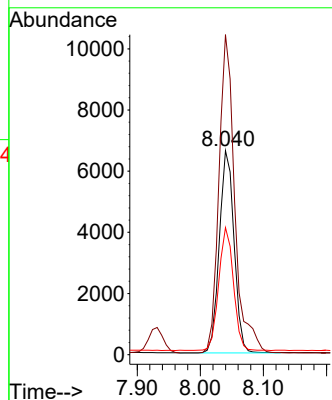


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.040 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN024305.D  
 Acq: 16 Mar 2023 10:38

Instrument :  
 BNA\_N  
 ClientSampleId :

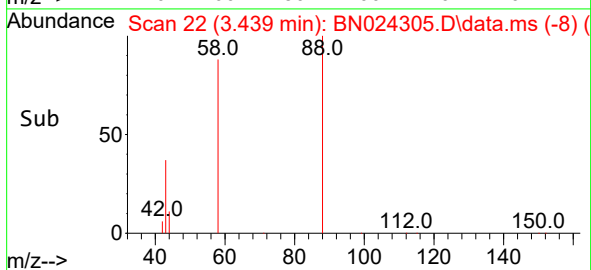
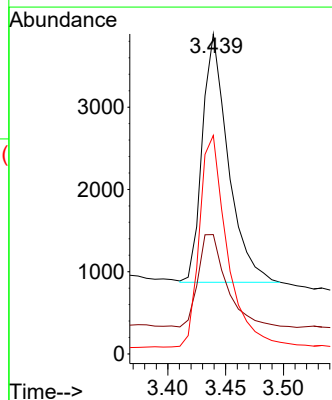
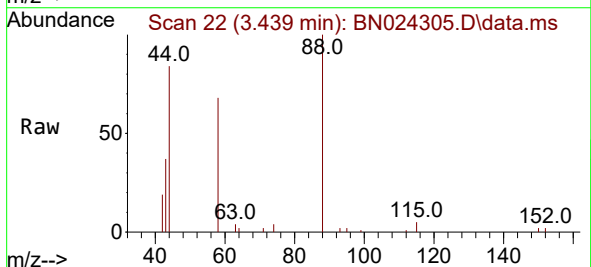


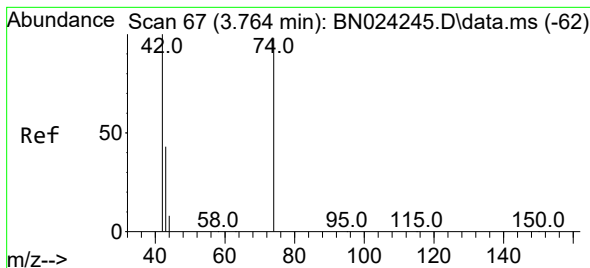
Tgt Ion:152 Resp: 10741  
 Ion Ratio Lower Upper  
 152 100  
 150 156.9 124.7 187.1  
 115 62.3 49.1 73.7



#2  
 1,4-Dioxane  
 Concen: 0.402 ng  
 RT: 3.439 min Scan# 22  
 Delta R.T. 0.000 min  
 Lab File: BN024305.D  
 Acq: 16 Mar 2023 10:38

Tgt Ion: 88 Resp: 4698  
 Ion Ratio Lower Upper  
 88 100  
 43 40.0 29.0 43.4  
 58 91.3 67.3 100.9

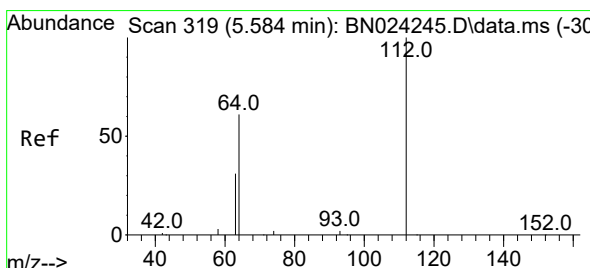
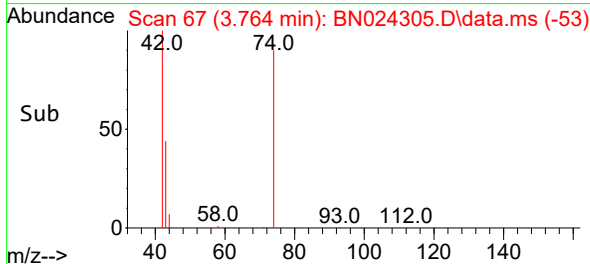
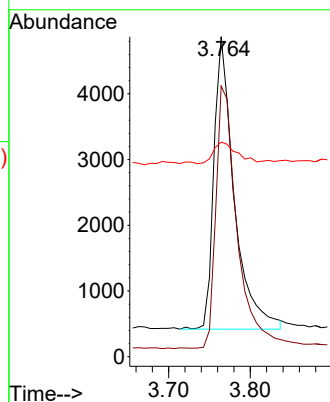
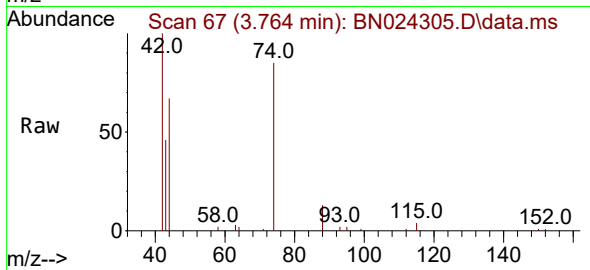




#3  
 n-Nitrosodimethylamine  
 Concen: 0.448 ng  
 RT: 3.764 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN024305.D  
 Acq: 16 Mar 2023 10:38

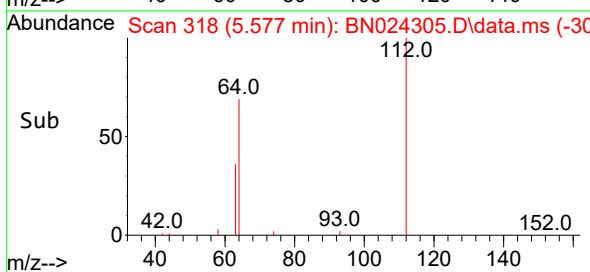
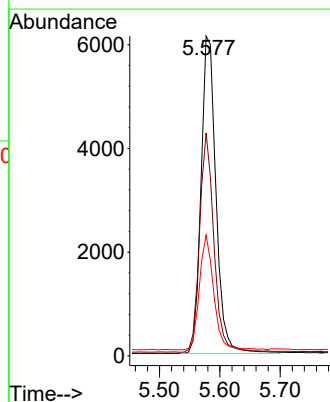
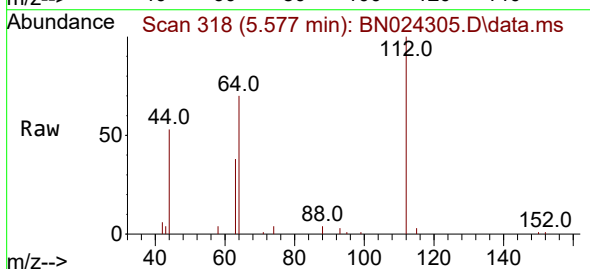
Instrument :  
 BNA\_N  
 ClientSampleId :

Tgt Ion: 42 Resp: 7670  
 Ion Ratio Lower Upper  
 42 100  
 74 94.1 81.6 122.4  
 44 8.8 7.3 10.9



#4  
 2-Fluorophenol  
 Concen: 0.441 ng  
 RT: 5.577 min Scan# 318  
 Delta R.T. 0.000 min  
 Lab File: BN024305.D  
 Acq: 16 Mar 2023 10:38

Tgt Ion: 112 Resp: 10495  
 Ion Ratio Lower Upper  
 112 100  
 64 66.5 49.0 73.6  
 63 34.7 25.7 38.5

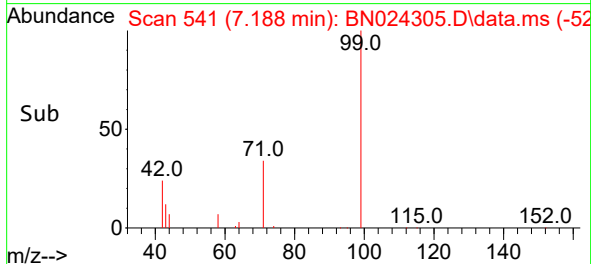
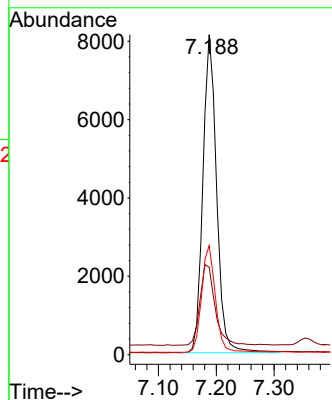
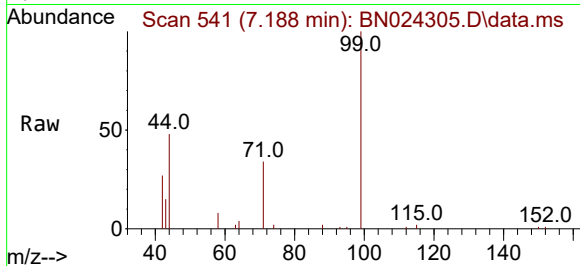




#5  
Phenol-d6  
Concen: 0.440 ng  
RT: 7.188 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: BN024305.D  
Acq: 16 Mar 2023 10:38

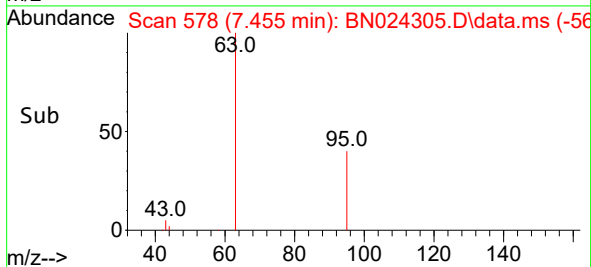
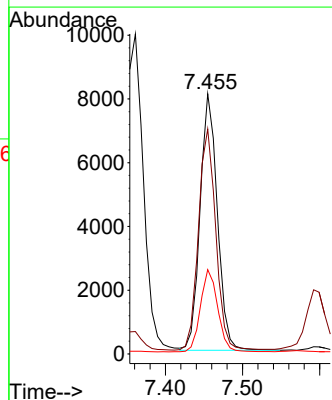
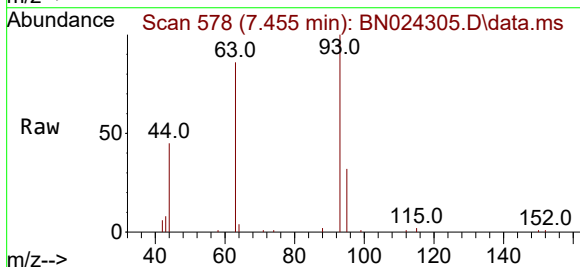
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion: 99 Resp: 13432  
Ion Ratio Lower Upper  
99 100  
42 27.9 20.1 30.1  
71 33.8 25.8 38.8



#6  
bis(2-Chloroethyl)ether  
Concen: 0.412 ng  
RT: 7.455 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: BN024305.D  
Acq: 16 Mar 2023 10:38

Tgt Ion: 93 Resp: 12501  
Ion Ratio Lower Upper  
93 100  
63 86.5 65.4 98.2  
95 32.1 25.8 38.8

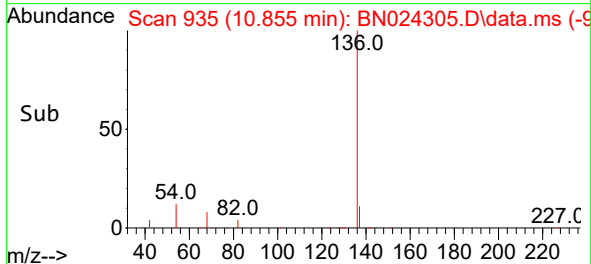
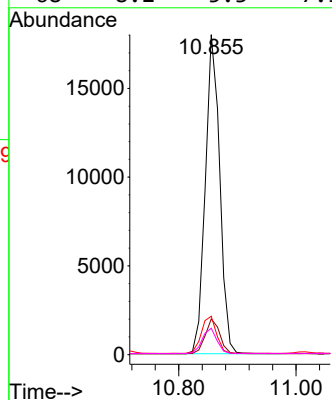
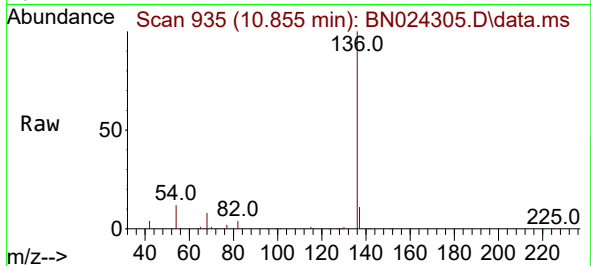




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.855 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN024305.D  
Acq: 16 Mar 2023 10:38

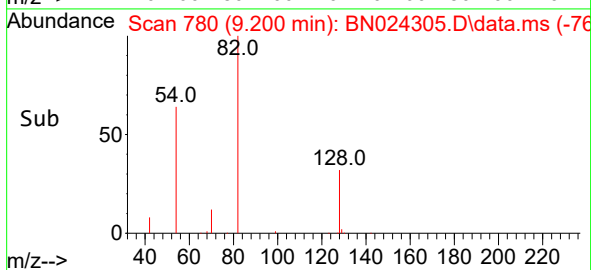
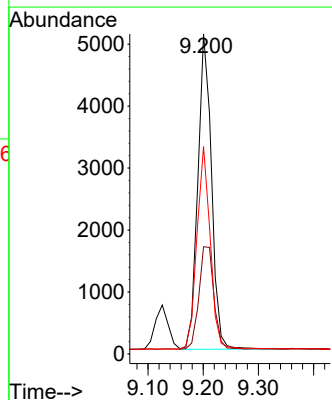
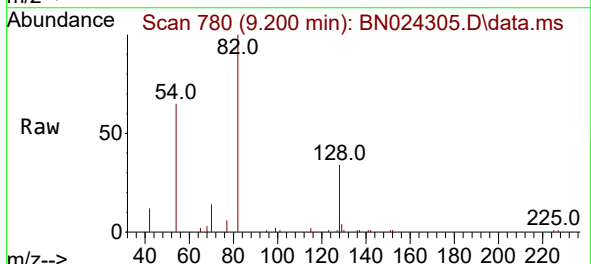
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:136 Resp: 30758  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 12.0 7.1 10.7#  
68 8.2 5.3 7.9#



#8  
Nitrobenzene-d5  
Concen: 0.425 ng  
RT: 9.200 min Scan# 780  
Delta R.T. 0.000 min  
Lab File: BN024305.D  
Acq: 16 Mar 2023 10:38

Tgt Ion: 82 Resp: 8733  
Ion Ratio Lower Upper  
82 100  
128 33.5 32.4 48.6  
54 64.8 45.2 67.8

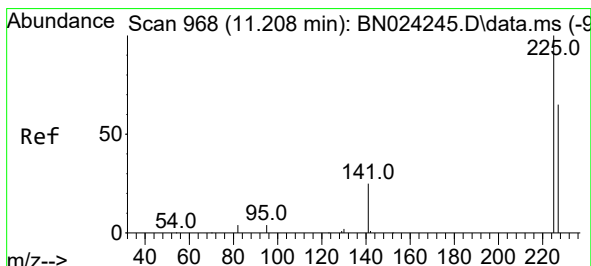
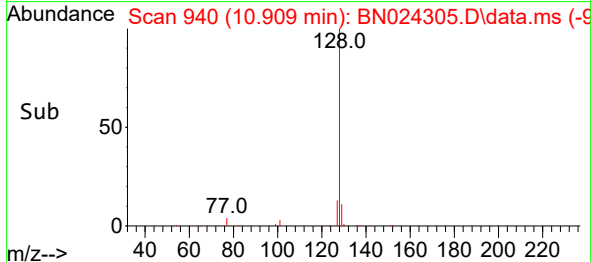
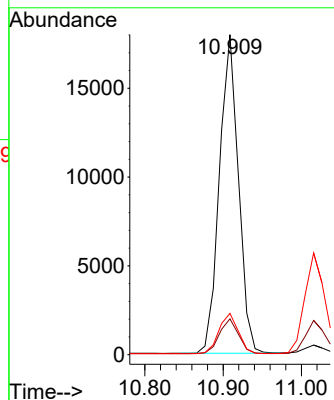
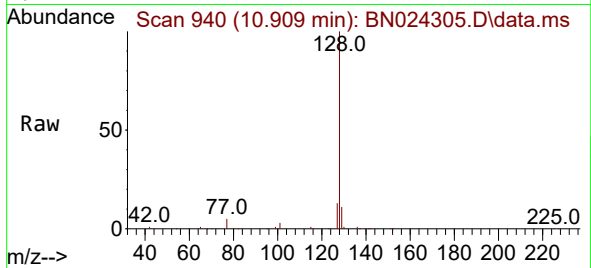




#9  
Naphthalene  
Concen: 0.387 ng  
RT: 10.909 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BN024305.D  
Acq: 16 Mar 2023 10:38

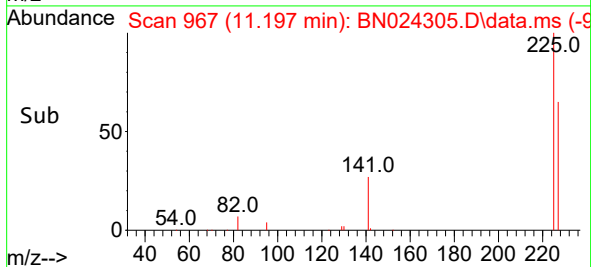
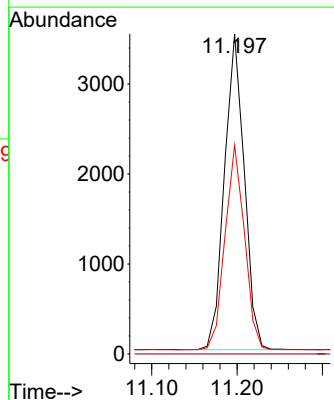
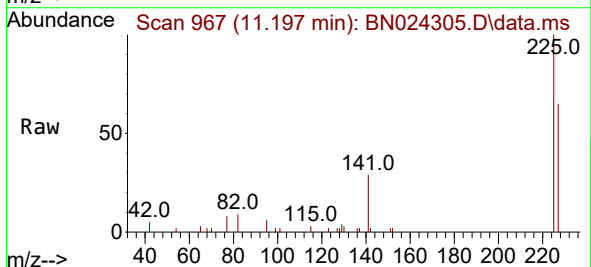
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:128 Resp: 30255  
Ion Ratio Lower Upper  
128 100  
129 11.2 9.0 13.6  
127 12.9 10.2 15.4



#10  
Hexachlorobutadiene  
Concen: 0.382 ng  
RT: 11.197 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: BN024305.D  
Acq: 16 Mar 2023 10:38

Tgt Ion:225 Resp: 5668  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.8 51.0 76.4





#11

2-Methylnaphthalene-d10

Concen: 0.356 ng

RT: 12.440 min Scan# 1244

Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

Instrument :

BNA\_N

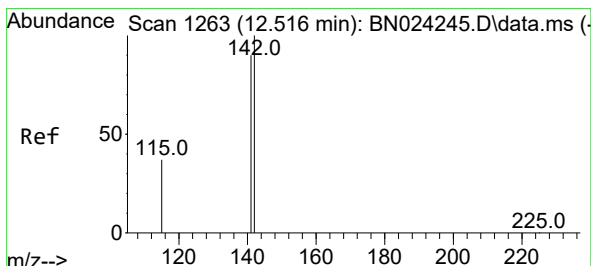
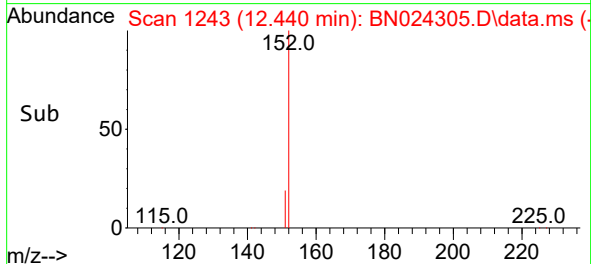
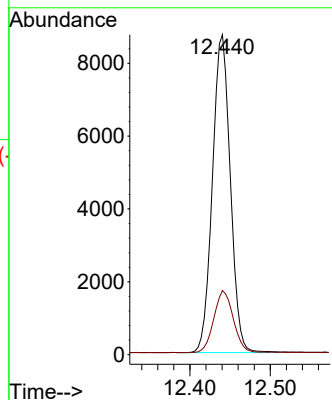
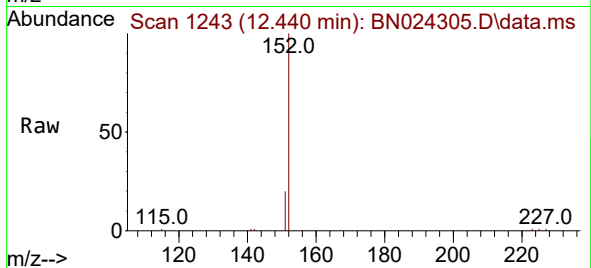
ClientSampleId :

Tgt Ion:152 Resp: 13474

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2



#12

2-Methylnaphthalene

Concen: 0.360 ng

RT: 12.512 min Scan# 1262

Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

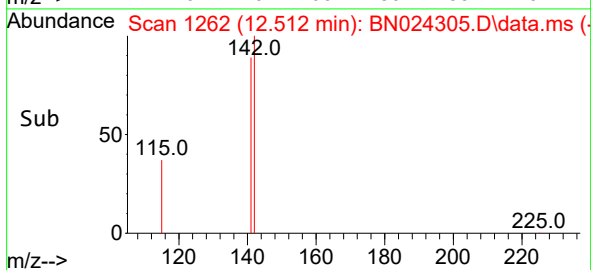
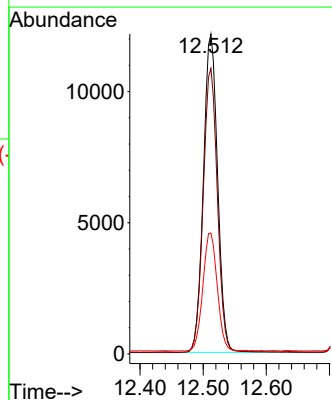
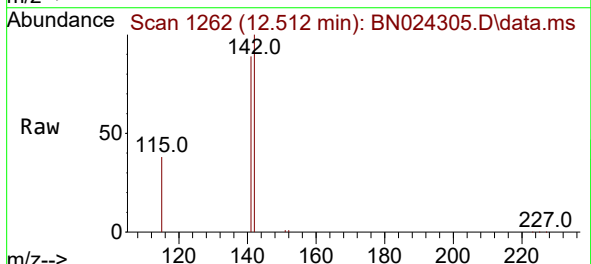
Tgt Ion:142 Resp: 19011

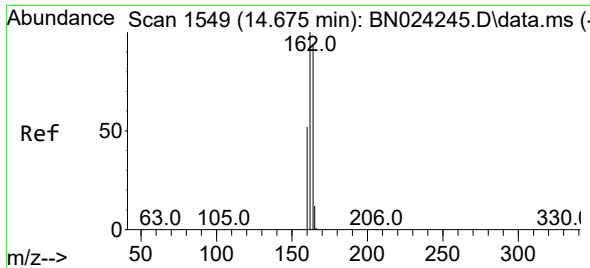
Ion Ratio Lower Upper

142 100

141 89.2 71.8 107.6

115 37.8 30.0 45.0

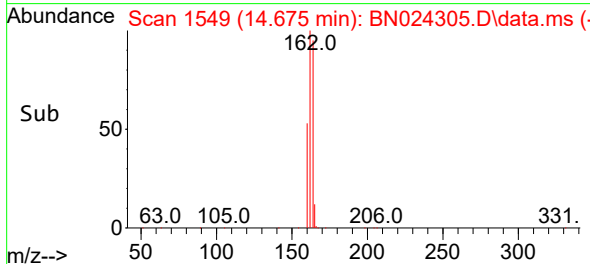
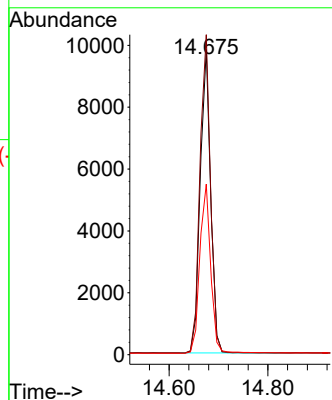
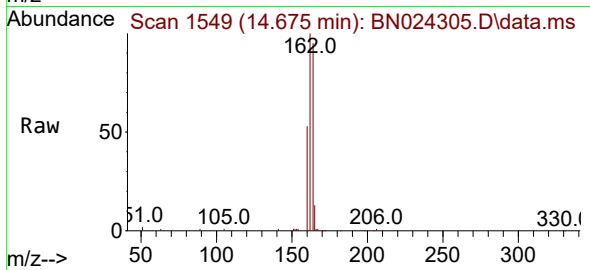




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.675 min Scan# 1549  
 Delta R.T. 0.000 min  
 Lab File: BN024305.D  
 Acq: 16 Mar 2023 10:38

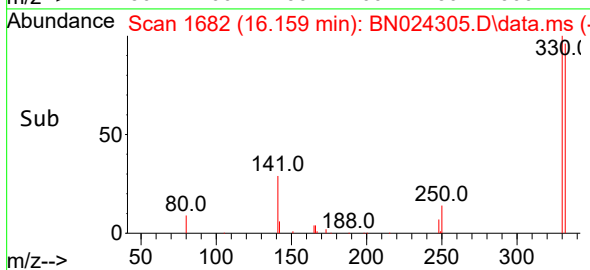
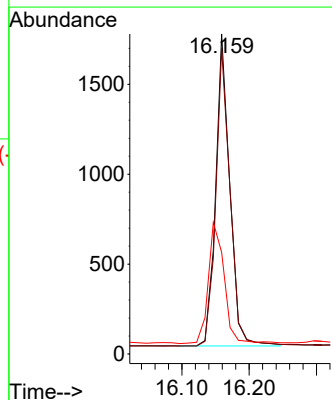
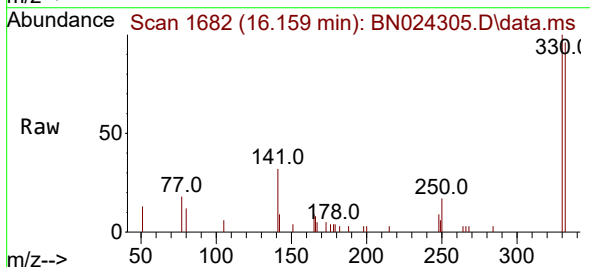
Instrument :  
 BNA\_N  
 ClientSampleId :

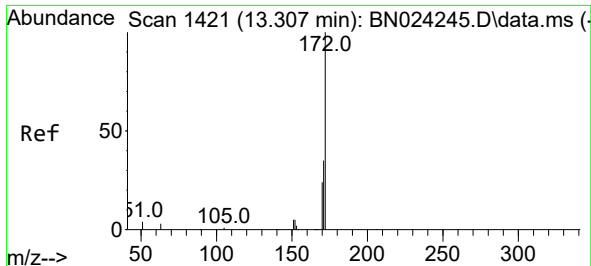
Tgt Ion:164 Resp: 14309  
 Ion Ratio Lower Upper  
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 162 104.9 84.7 127.1  
 160 55.9 44.6 66.8



#14  
 2,4,6-Tribromophenol  
 Concen: 0.344 ng  
 RT: 16.159 min Scan# 1682  
 Delta R.T. 0.000 min  
 Lab File: BN024305.D  
 Acq: 16 Mar 2023 10:38

Tgt Ion:330 Resp: 2514  
 Ion Ratio Lower Upper  
 330 100  
 332 96.8 78.0 117.0  
 141 44.0 30.8 46.2

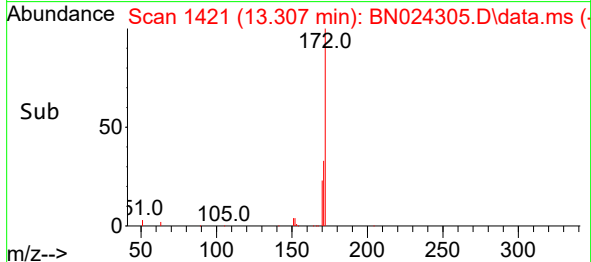
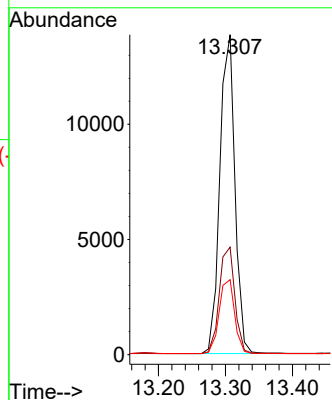
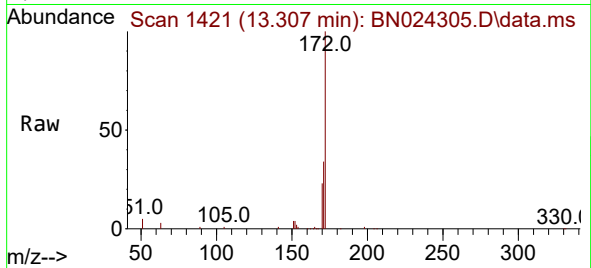




#15  
2-Fluorobiphenyl  
Concen: 0.401 ng  
RT: 13.307 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: BN024305.D  
Acq: 16 Mar 2023 10:38

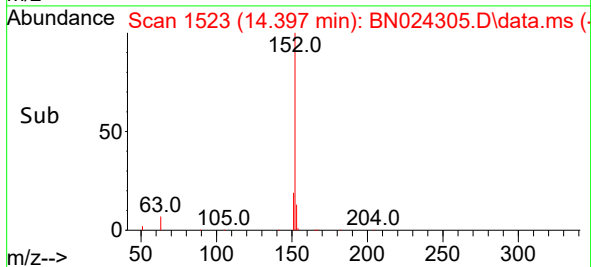
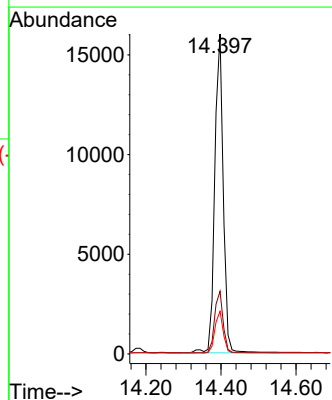
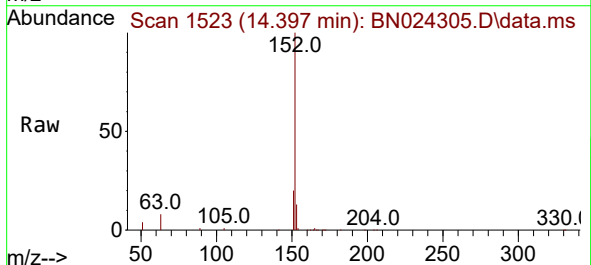
Instrument :  
BNA\_N  
ClientSampleId :

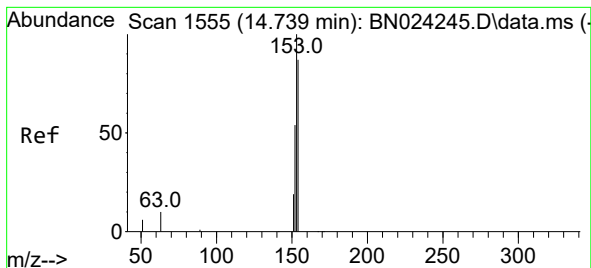
Tgt Ion:172 Resp: 21653  
Ion Ratio Lower Upper  
172 100  
171 33.6 27.8 41.8  
170 23.4 19.0 28.6



#16  
Acenaphthylene  
Concen: 0.370 ng  
RT: 14.397 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: BN024305.D  
Acq: 16 Mar 2023 10:38

Tgt Ion:152 Resp: 25120  
Ion Ratio Lower Upper  
152 100  
151 19.3 15.4 23.0  
153 12.9 10.4 15.6





#17

Acenaphthene

Concen: 0.378 ng

RT: 14.739 min Scan# 1555

Delta R.T. 0.000 min

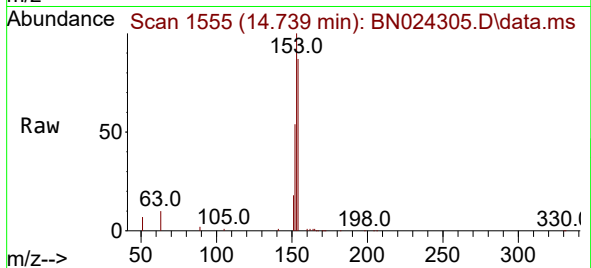
Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

Instrument :

BNA\_N

ClientSampleId :



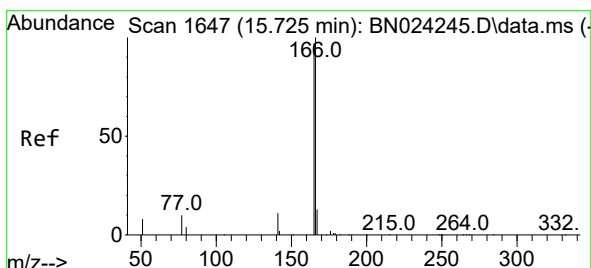
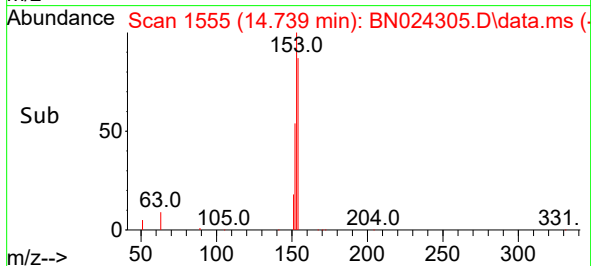
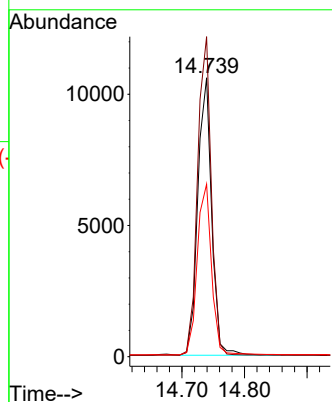
Tgt Ion:154 Resp: 16314

Ion Ratio Lower Upper

154 100

153 113.5 88.4 132.6

152 63.4 48.7 73.1



#18

Fluorene

Concen: 0.347 ng

RT: 15.712 min Scan# 1646

Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

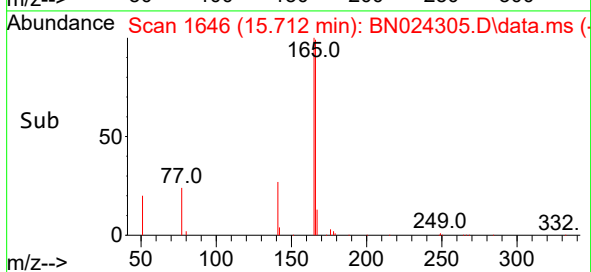
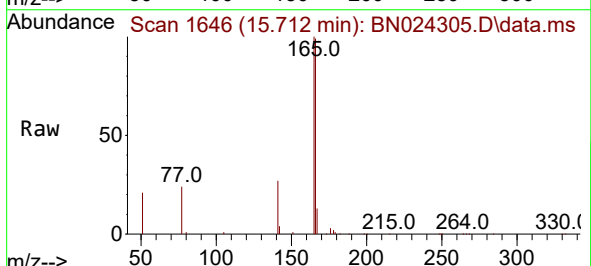
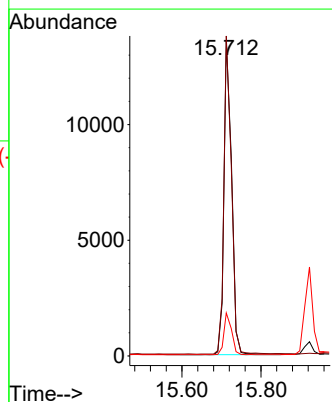
Tgt Ion:166 Resp: 17930

Ion Ratio Lower Upper

166 100

165 100.8 80.2 120.2

167 13.2 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

Instrument :

BNA\_N

ClientSampleId :

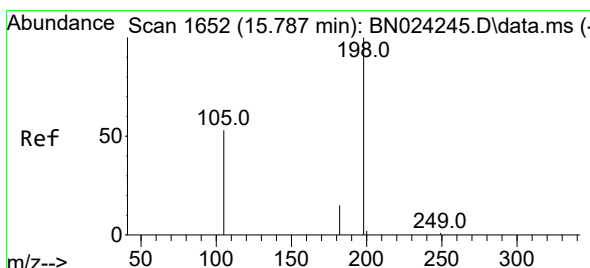
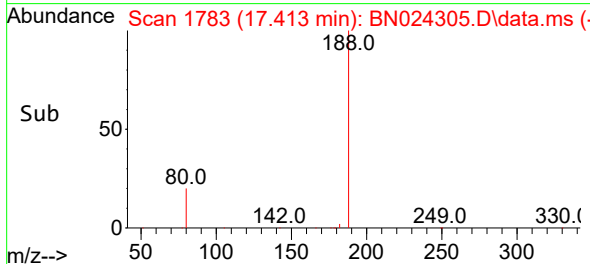
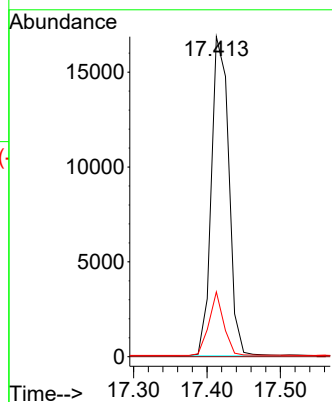
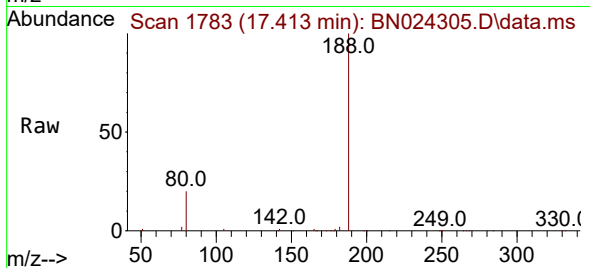
Tgt Ion:188 Resp: 27757

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 20.2 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.381 ng

RT: 15.787 min Scan# 1652

Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

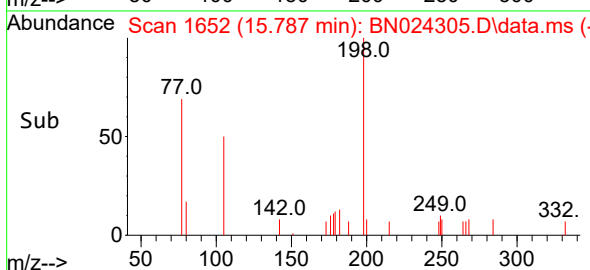
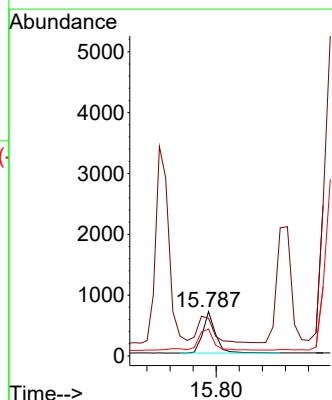
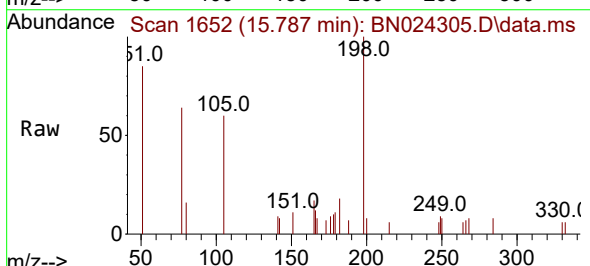
Tgt Ion:198 Resp: 1049

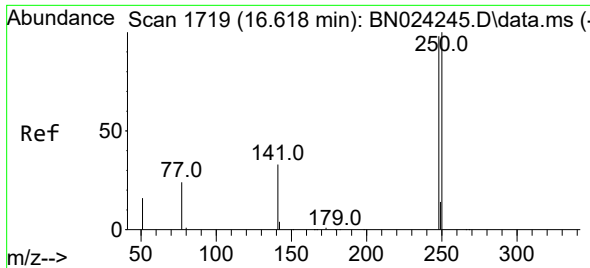
Ion Ratio Lower Upper

198 100

51 84.8 68.2 102.2

105 60.4 51.6 77.4

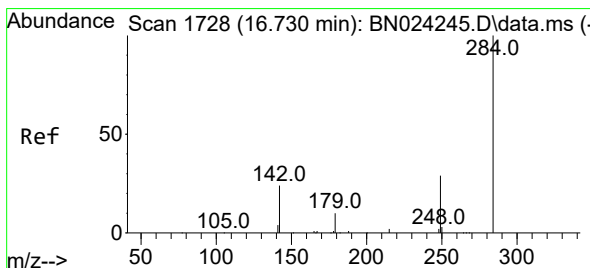
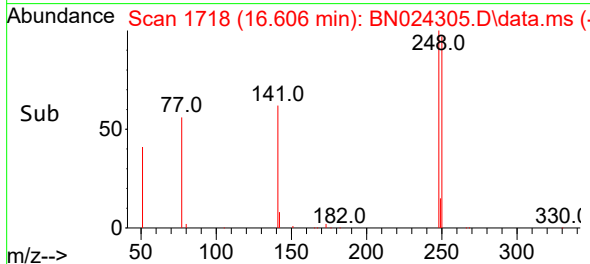
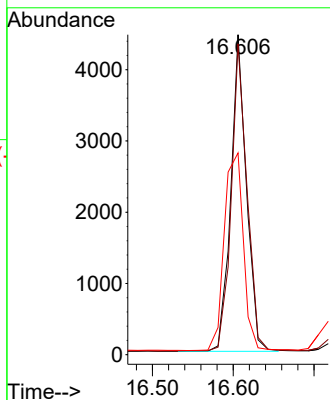
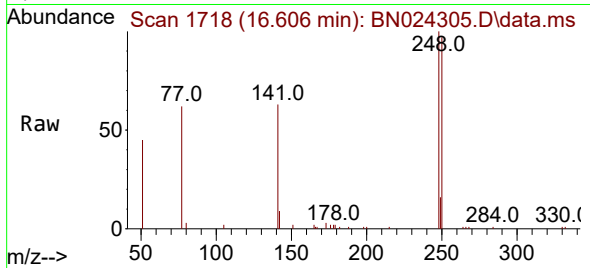




#21  
4-Bromophenyl-phenylether  
Concen: 0.362 ng  
RT: 16.606 min Scan# 1718  
Delta R.T. 0.000 min  
Lab File: BN024305.D  
Acq: 16 Mar 2023 10:38

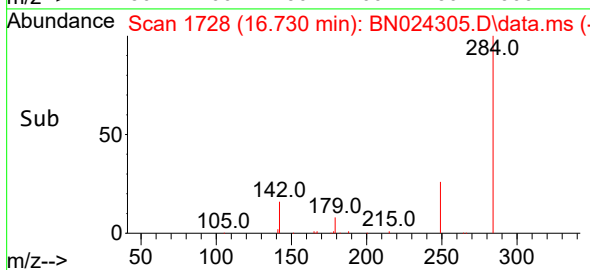
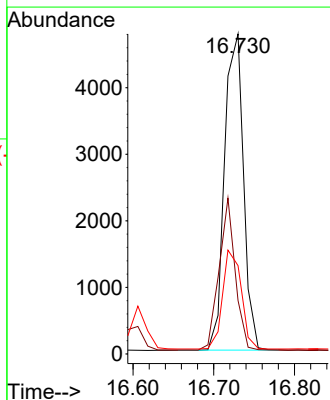
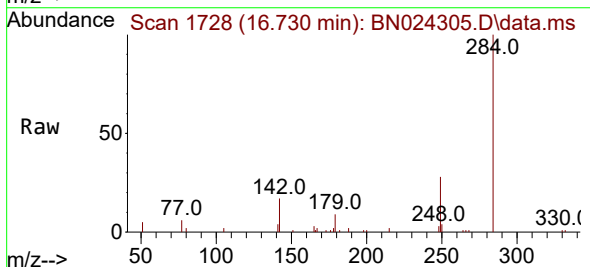
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:248 Resp: 5978  
Ion Ratio Lower Upper  
248 100  
250 97.2 81.9 122.9  
141 63.1 28.2 42.2#



#22  
Hexachlorobenzene  
Concen: 0.381 ng  
RT: 16.730 min Scan# 1728  
Delta R.T. 0.000 min  
Lab File: BN024305.D  
Acq: 16 Mar 2023 10:38

Tgt Ion:284 Resp: 7723  
Ion Ratio Lower Upper  
284 100  
142 41.0 30.2 45.4  
249 30.8 24.5 36.7





#23

Atrazine

Concen: 0.382 ng

RT: 16.867 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

Instrument :

BNA\_N

ClientSampleId :

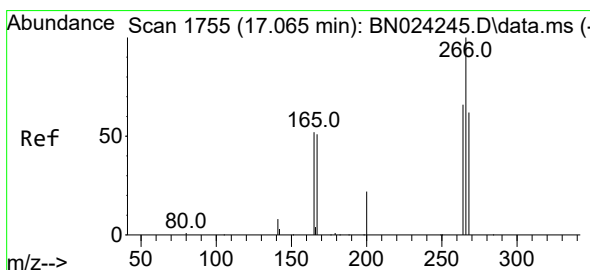
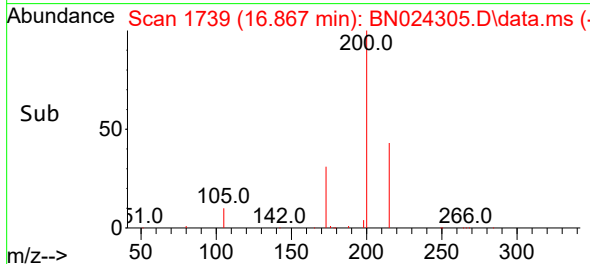
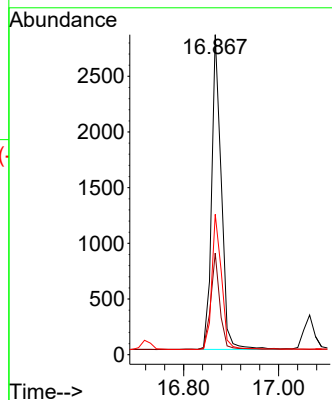
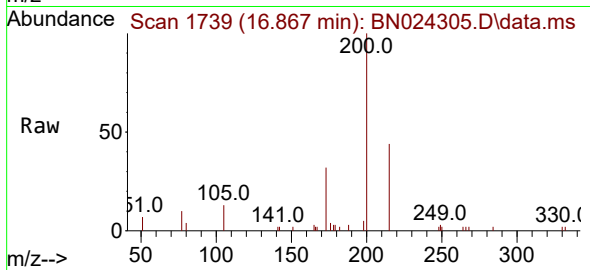
Tgt Ion:200 Resp: 3999

Ion Ratio Lower Upper

200 100

173 31.7 18.9 28.3#

215 43.9 36.7 55.1



#24

Pentachlorophenol

Concen: 0.335 ng

RT: 17.065 min Scan# 1755

Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

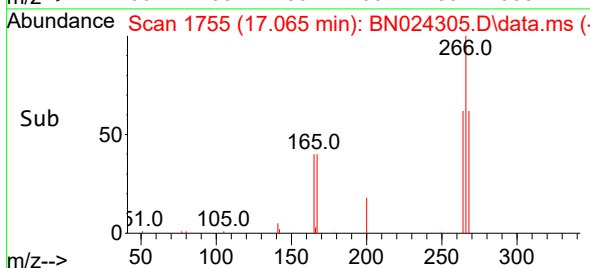
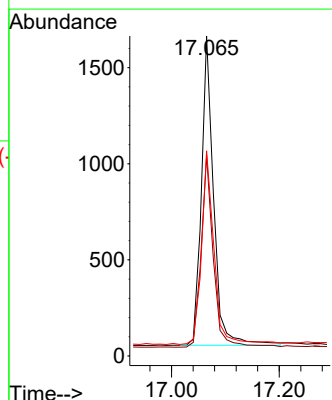
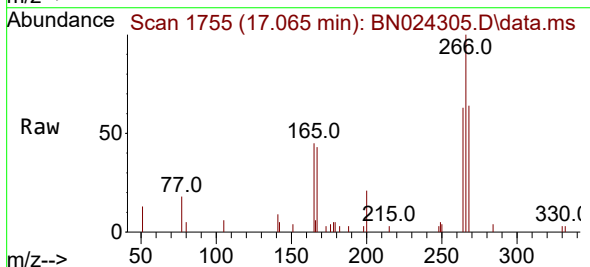
Tgt Ion:266 Resp: 2543

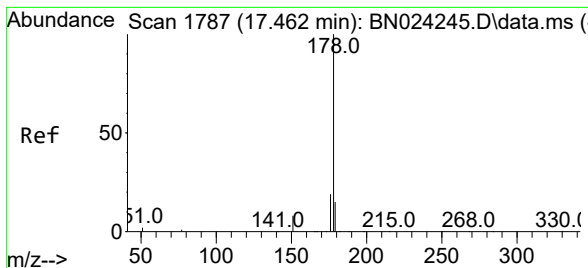
Ion Ratio Lower Upper

266 100

264 61.7 51.1 76.7

268 64.2 52.2 78.4





#25

Phenanthrene

Concen: 0.388 ng

RT: 17.462 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

Instrument :

BNA\_N

ClientSampleId :

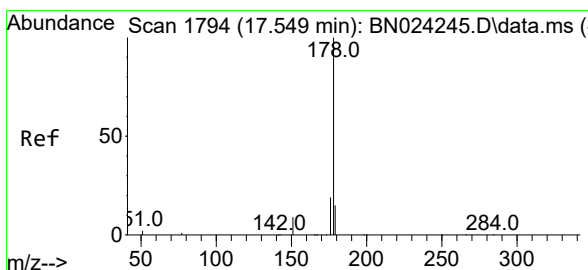
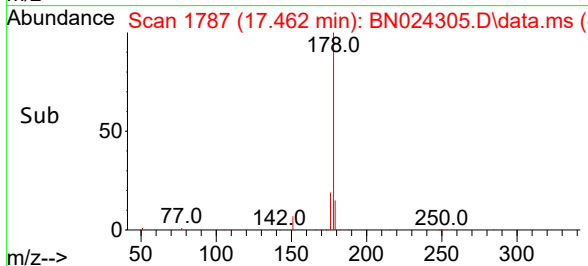
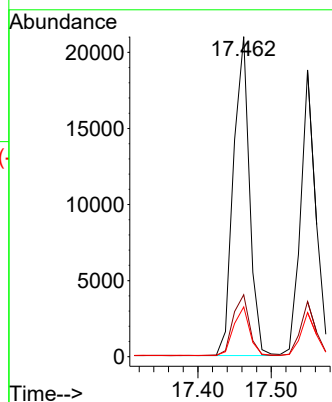
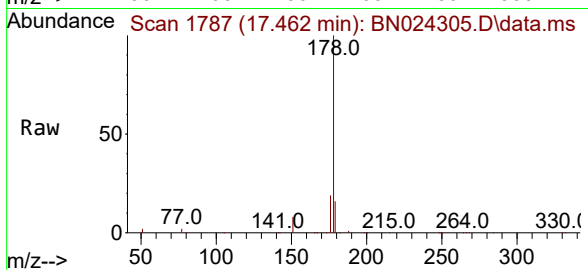
Tgt Ion:178 Resp: 31885

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.0

179 15.2 12.2 18.2



#26

Anthracene

Concen: 0.360 ng

RT: 17.549 min Scan# 1794

Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

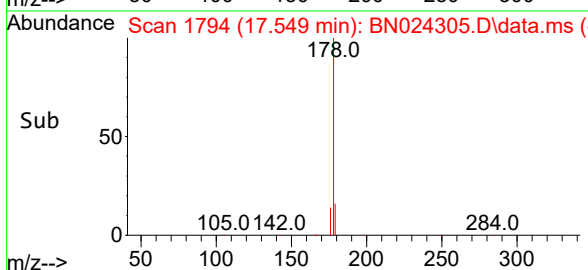
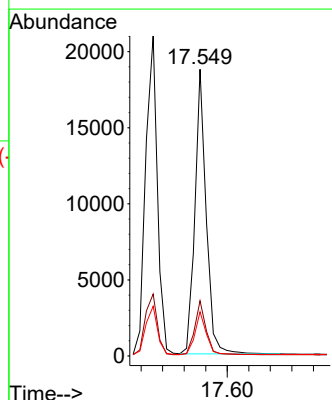
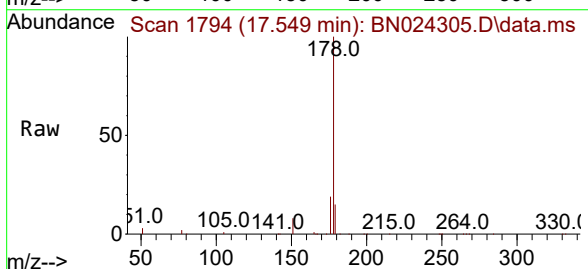
Tgt Ion:178 Resp: 27302

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.1 12.1 18.1





#27

Fluoranthene-d10

Concen: 0.352 ng

RT: 19.446 min Scan# 2172

Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

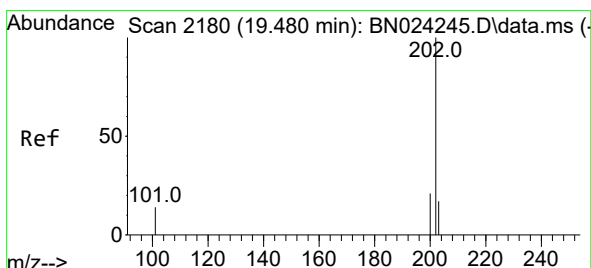
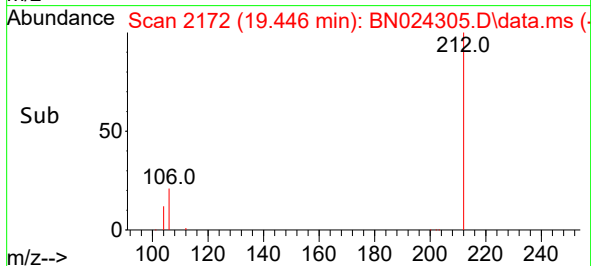
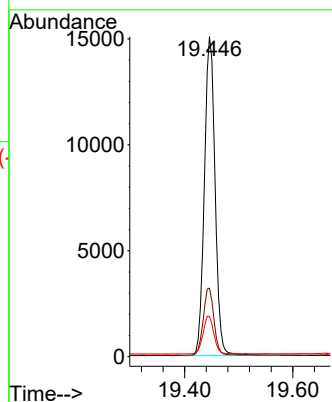
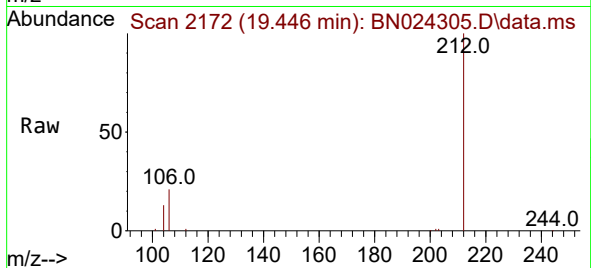
Instrument :

BNA\_N

ClientSampleId :

Tgt Ion:212 Resp: 20702

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 212 | 100   |       |       |
| 106 | 21.1  | 15.4  | 23.2  |
| 104 | 12.0  | 8.6   | 13.0  |



#28

Fluoranthene

Concen: 0.360 ng

RT: 19.475 min Scan# 2179

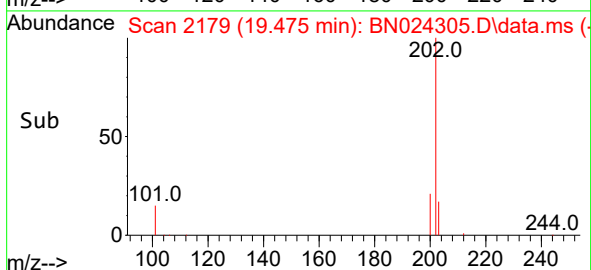
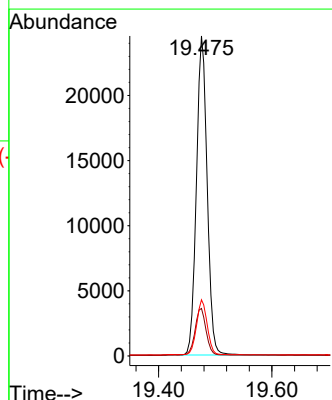
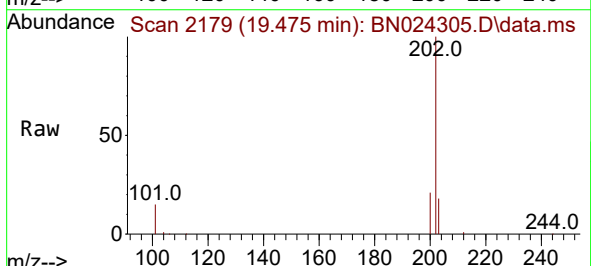
Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

Tgt Ion:202 Resp: 32405

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 15.2  | 11.3  | 16.9  |
| 203 | 17.1  | 13.6  | 20.4  |





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.601 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BN024305.D

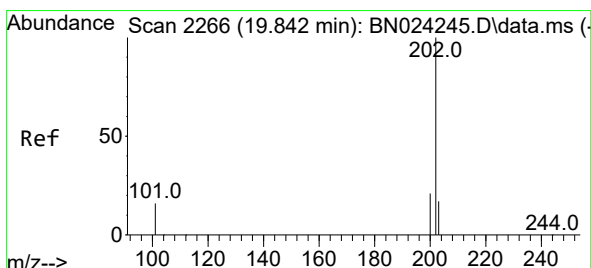
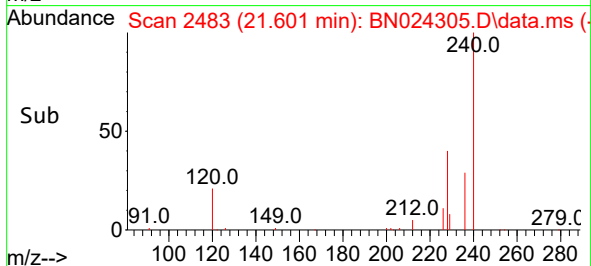
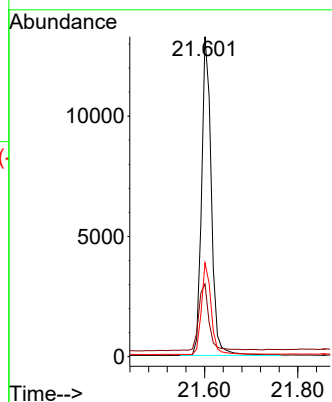
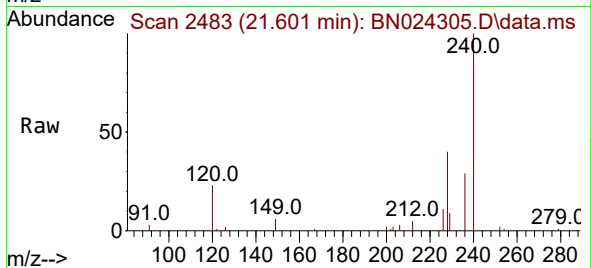
Acq: 16 Mar 2023 10:38

Instrument :

BNA\_N

ClientSampleId :

Tgt Ion:240 Resp: 19280  
 Ion Ratio Lower Upper  
 240 100  
 120 22.7 12.8 19.2#  
 236 29.3 22.5 33.7



#30

Pyrene

Concen: 0.413 ng

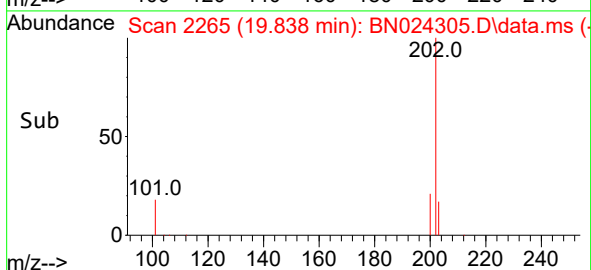
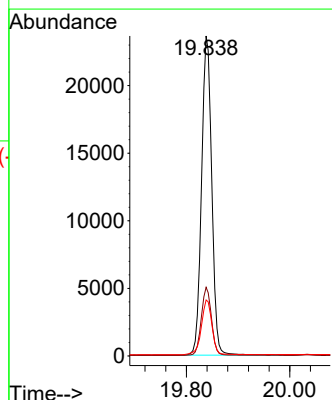
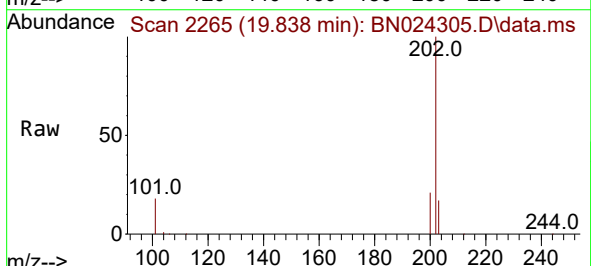
RT: 19.838 min Scan# 2265

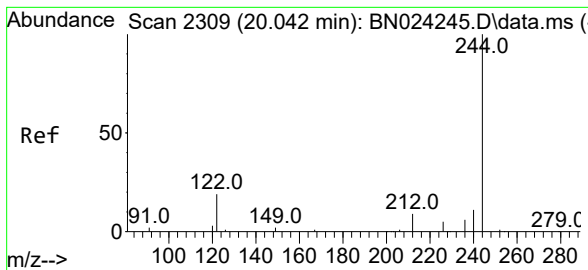
Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

Tgt Ion:202 Resp: 32260  
 Ion Ratio Lower Upper  
 202 100  
 200 21.2 17.0 25.4  
 203 17.7 14.2 21.2





#31

Terphenyl-d14

Concen: 0.361 ng

RT: 20.033 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

Instrument :

BNA\_N

ClientSampleId :

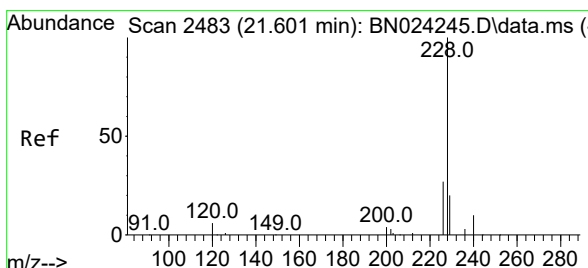
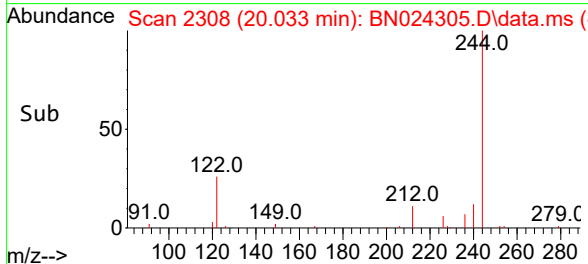
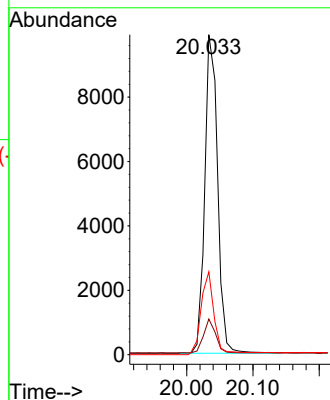
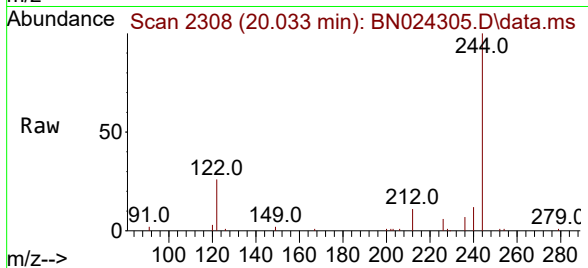
Tgt Ion:244 Resp: 11738

Ion Ratio Lower Upper

244 100

212 11.2 7.6 11.4

122 25.9 15.1 22.7#



#32

Benzo(a)anthracene

Concen: 0.375 ng

RT: 21.583 min Scan# 2481

Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

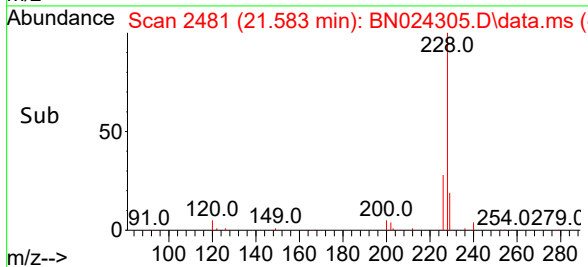
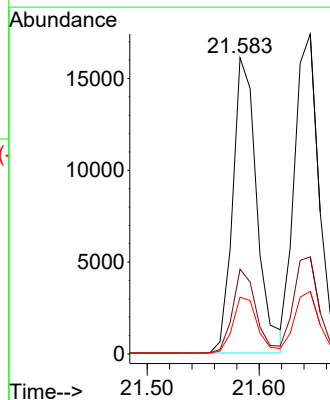
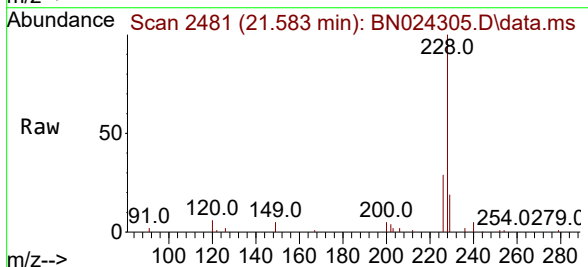
Tgt Ion:228 Resp: 24119

Ion Ratio Lower Upper

228 100

226 28.6 22.2 33.2

229 19.2 15.9 23.9





#33

Chrysene

Concen: 0.391 ng

RT: 21.646 min Scan# 2488

Delta R.T. 0.000 min

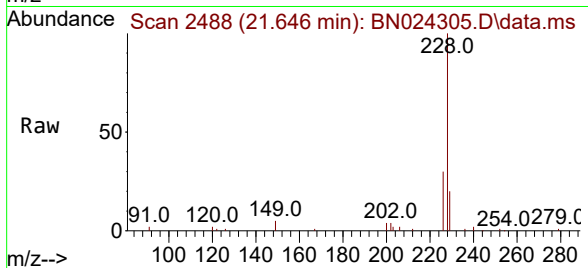
Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

Instrument :

BNA\_N

ClientSampleId :



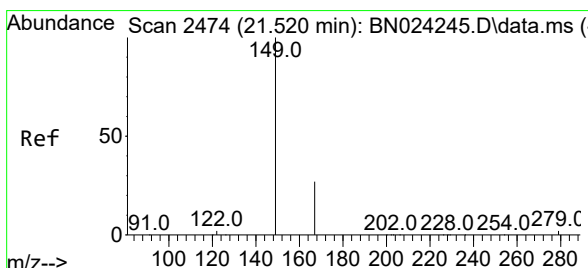
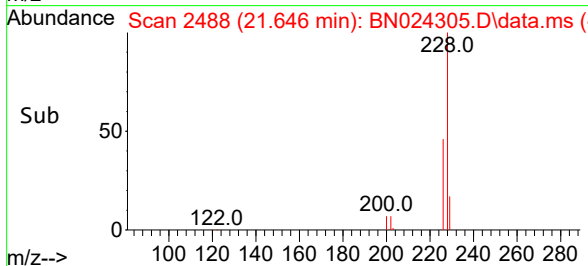
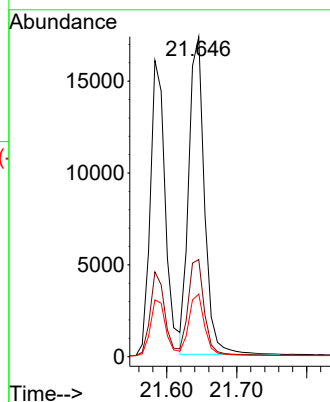
Tgt Ion:228 Resp: 26833

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 19.5 15.5 23.3



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.360 ng

RT: 21.502 min Scan# 2472

Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

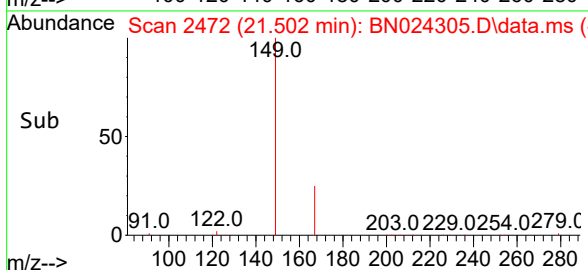
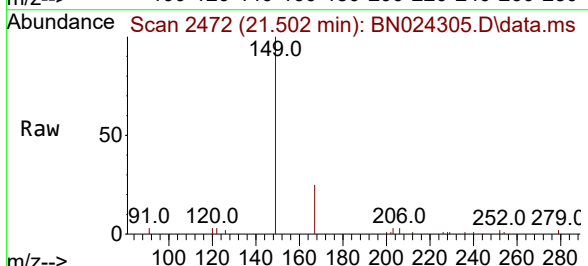
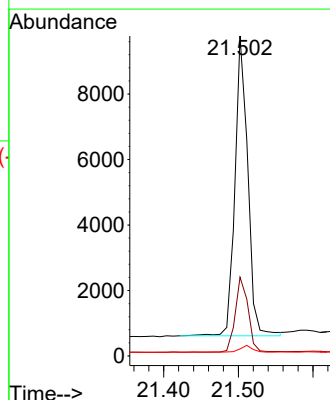
Tgt Ion:149 Resp: 10896

Ion Ratio Lower Upper

149 100

167 25.1 21.2 31.8

279 2.2 1.8 2.8





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.114 min Scan# 3158

Delta R.T. 0.000 min

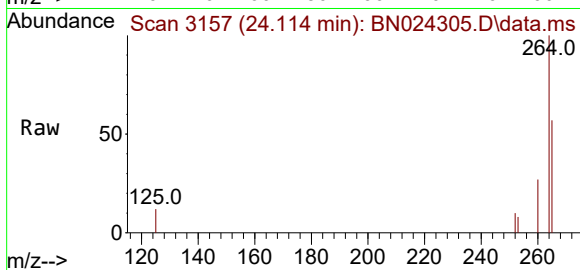
Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

Instrument :

BNA\_N

ClientSampleId :



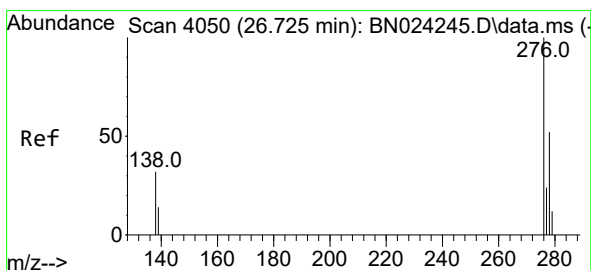
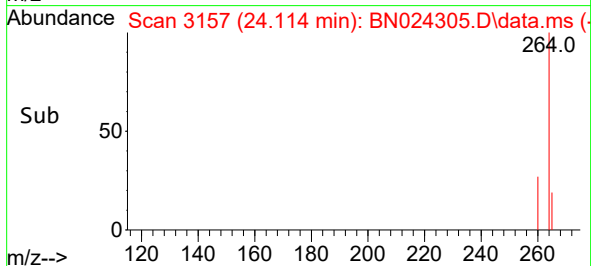
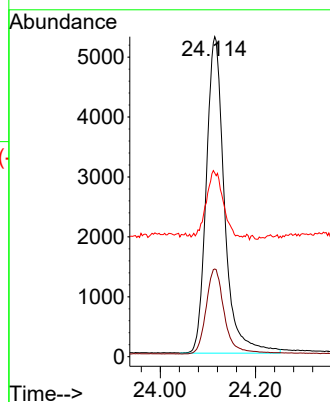
Tgt Ion:264 Resp: 14015

Ion Ratio Lower Upper

264 100

260 27.4 21.4 32.2

265 57.4 35.7 53.5#



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.362 ng

RT: 26.740 min Scan# 4055

Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

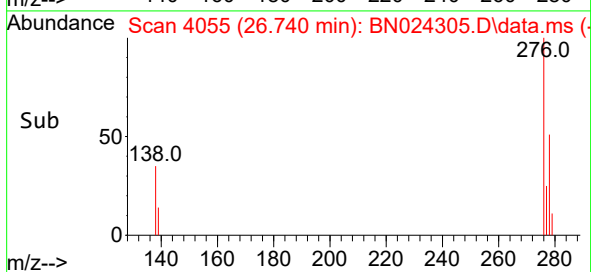
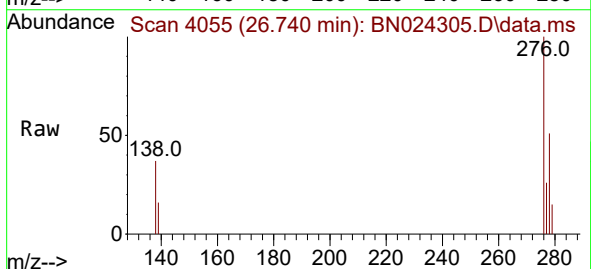
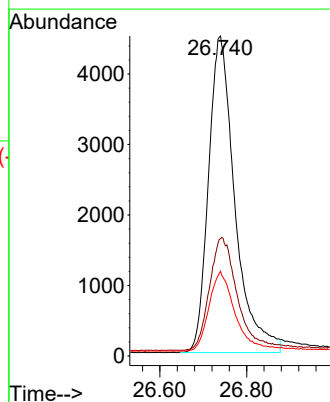
Tgt Ion:276 Resp: 18979

Ion Ratio Lower Upper

276 100

138 37.7 27.4 41.2

277 24.9 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.393 ng

RT: 23.342 min Scan# 21421

Delta R.T. 0.000 min

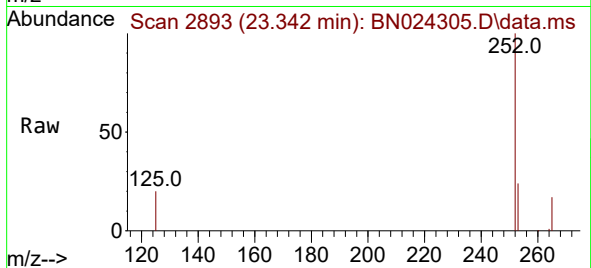
Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

Instrument :

BNA\_N

ClientSampleId :



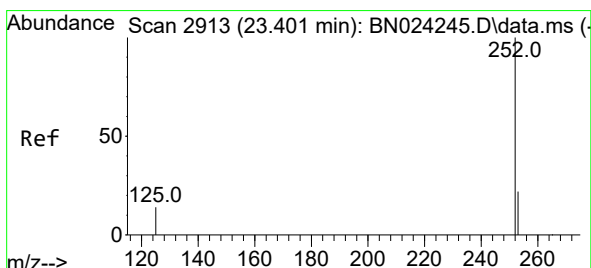
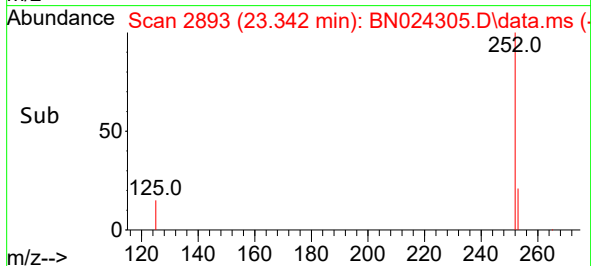
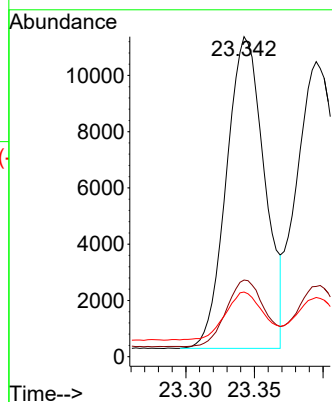
Tgt Ion:252 Resp: 21421

Ion Ratio Lower Upper

252 100

253 23.9 18.9 28.3

125 20.2 13.8 20.6



#38

Benzo(k)fluoranthene

Concen: 0.382 ng

RT: 23.395 min Scan# 2911

Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

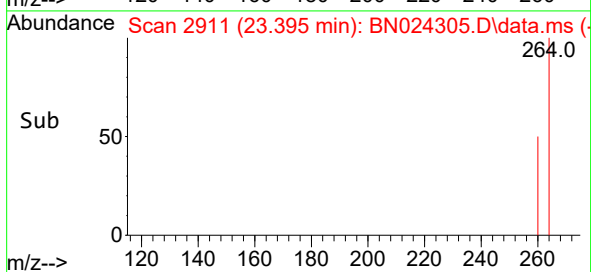
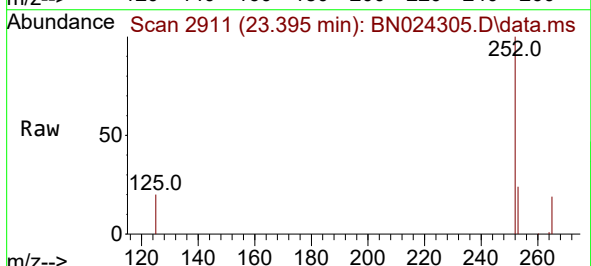
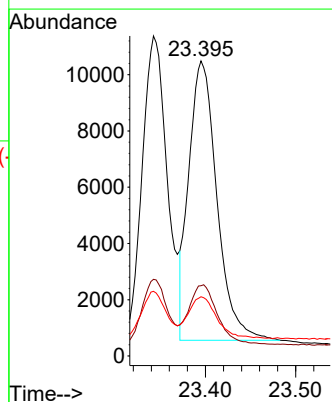
Tgt Ion:252 Resp: 21451

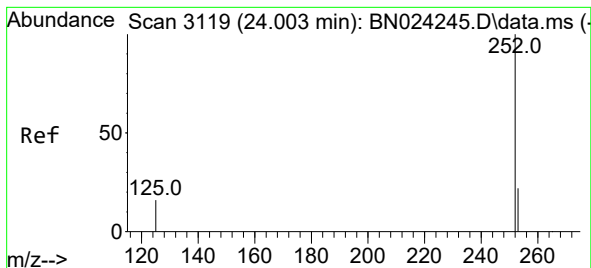
Ion Ratio Lower Upper

252 100

253 23.8 19.0 28.6

125 20.1 13.5 20.3





#39

Benzo(a)pyrene

Concen: 0.367 ng

RT: 23.997 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BN024305.D

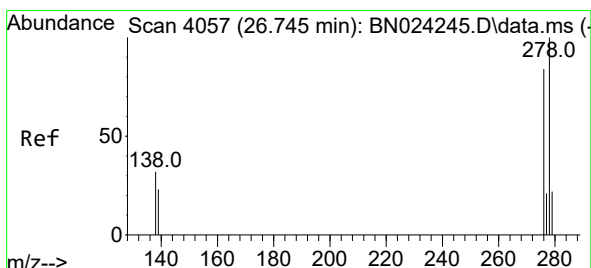
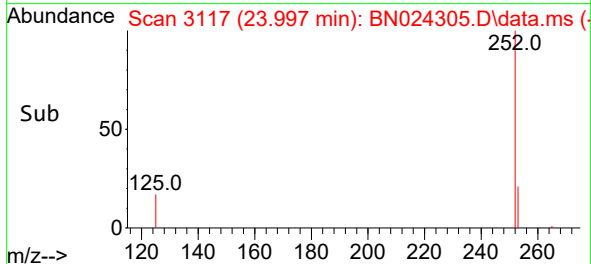
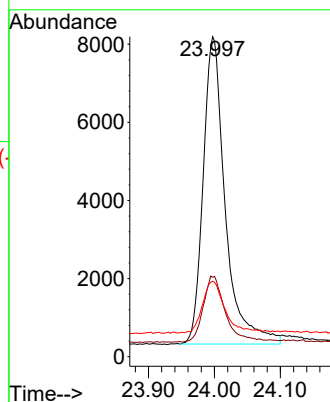
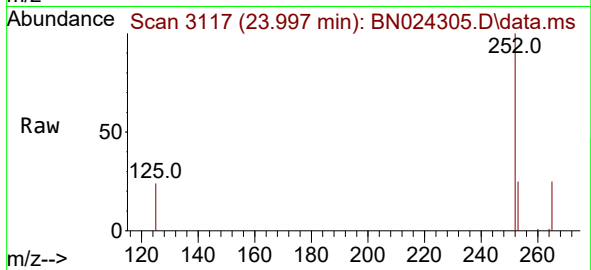
Acq: 16 Mar 2023 10:38

Instrument :

BNA\_N

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 18330     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 24.8  | 19.5 29.3 |
| 125         | 23.6  | 16.2 24.4 |



#40

Dibenzo(a,h)anthracene

Concen: 0.350 ng

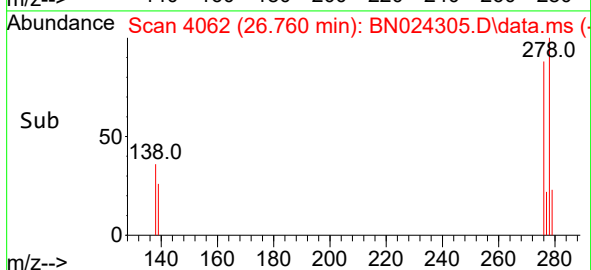
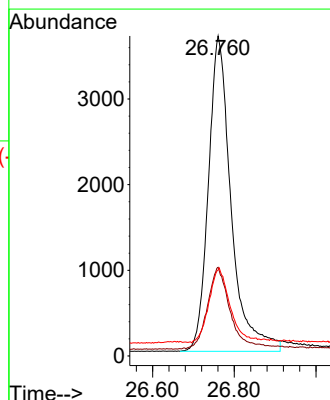
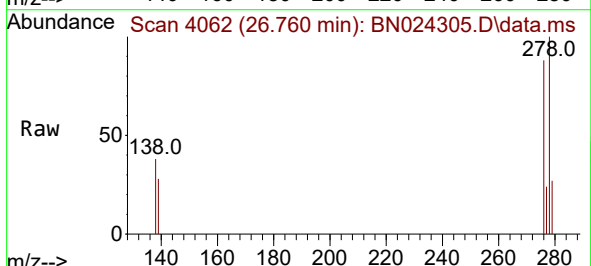
RT: 26.760 min Scan# 4062

Delta R.T. 0.000 min

Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:278 | Resp: | 14233     |
| Ion Ratio   | Lower | Upper     |
| 278         | 100   |           |
| 139         | 27.7  | 19.4 29.0 |
| 279         | 26.9  | 20.7 31.1 |





#41

Benzo(g,h,i)perylene

Concen: 0.385 ng

RT: 27.555 min Scan# 41

Delta R.T. 0.000 min

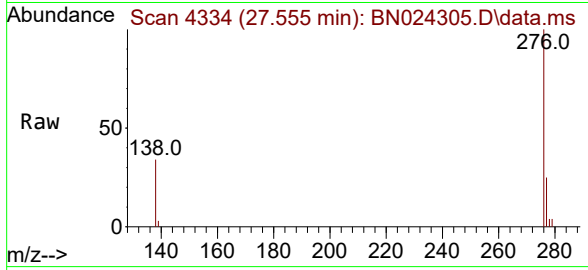
Lab File: BN024305.D

Acq: 16 Mar 2023 10:38

Instrument :

BNA\_N

ClientSampleId :



Tgt Ion:276 Resp: 18262

Ion Ratio Lower Upper

276 100

277 24.6 19.9 29.9

138 34.0 24.5 36.7

